

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ferencz Denes *et al.*
Title: HARD CARBON FILMS
FORMED FROM PLASMA
TREATED POLYMER
SURFACES
Appl. No.: Unknown
Filing Date: Submitted Herewith
Examiner: Unknown
Art Unit: Unknown

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003, and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to 'Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

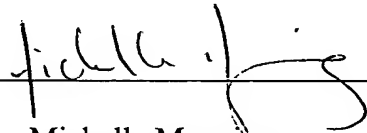
Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Respectfully submitted,

Date October 16, 2003

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 032026-0707		SERIAL NO. Unassigned	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Ferencz Denes et al.			
				FILING DATE Submitted Herewith		GROUP ART UNIT Unknown	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		4,187,331	Feb. 5, 1980	Hsioh-Lien Ma			
		4,253,888	Mar. 3, 1981	Kikuchi			
		4,264,750	Apr. 28, 1981	Anand et al.			
		4,404,256	Sep. 13, 1983	Anand et al.			
		4,975,144	Dec. 4, 1990	Yamazaki et al.			
		5,190,807	Mar. 12, 1993	Kimock et al.			
		5,445,710	Aug. 29, 1995	Hori et al.			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		Denes, F. et al., "Influence of RF-Cold Plasma Treatment on the Surface Properties of Paper," <i>J.M.S.-Pure Appl. Chem.</i> , A32(8&9), pp. 1405-1443 (1995); published by Marcel Dekker, Inc.					
		Knight, D. B., "Near-frictionless carbon resists wear and abrasion," <i>Advanced Materials & Processes</i> , p. 14, December 2002; Website: www.anl.gov .					
		Cruz-Barba, L. E. et al., "Novel Plasma Approach for the Synthesis of Highly Fluorinated Thin Surface Layers," <i>Langmuir</i> 2002, 18, pp. 9393-9400; published by the American Chemical Society.					
		Bento, Wanderson C.A. et al., "Enhancement in Polymer Hydrophobicity by SF ₆ Plasma Treatment," http://www.sbf1.if.usp.br/eventos/ebfp/6/programa/res0105.pdf .					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							

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